

FIG. 1A

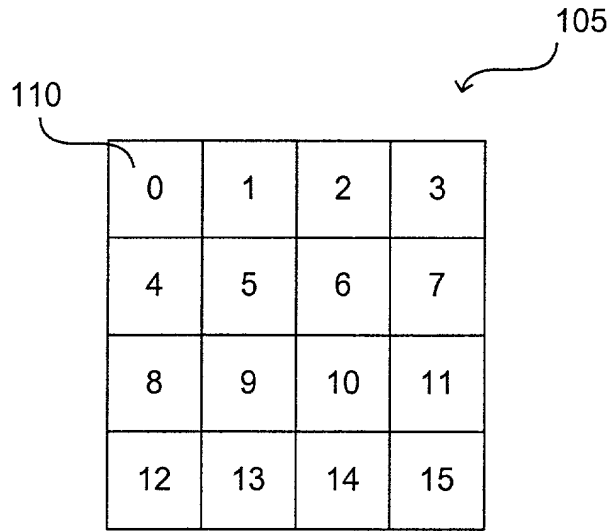


FIG. 1B

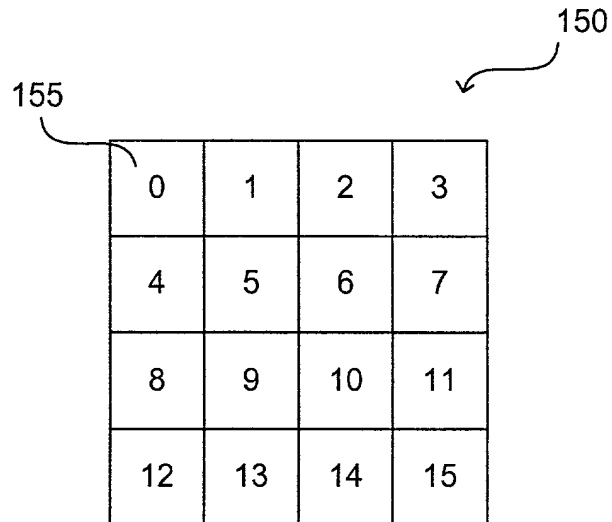
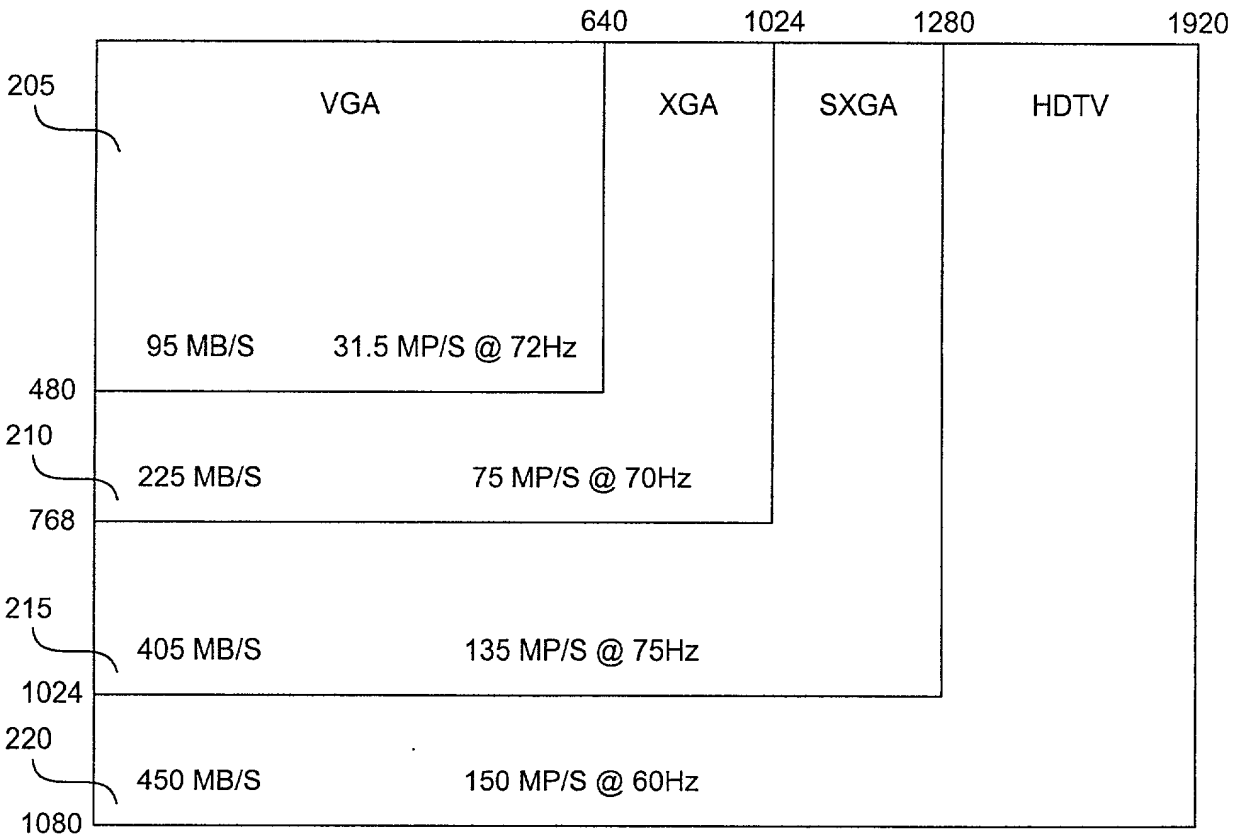


FIG. 2



2011 RELEASE UNDER E.O. 13526

FIG. 3A

310

305

0	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31

350

FIG. 3B

0	2	4	6
8	10	12	14
16	18	20	22
24	26	28	30

FIG. 3C

375

1	3	5	7
9	11	13	15
17	19	21	23
25	27	29	31

FIG. 4

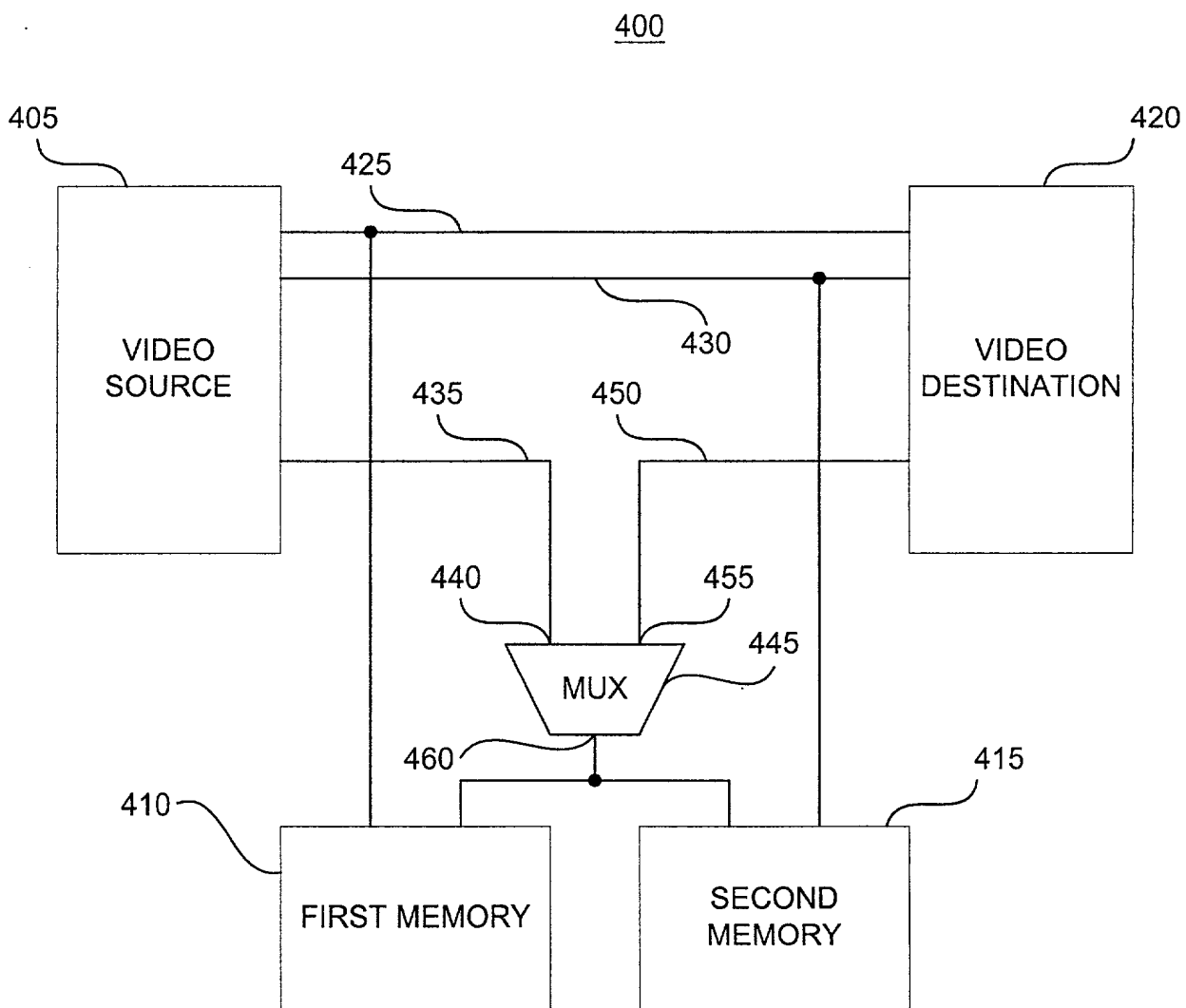


FIG. 5

500

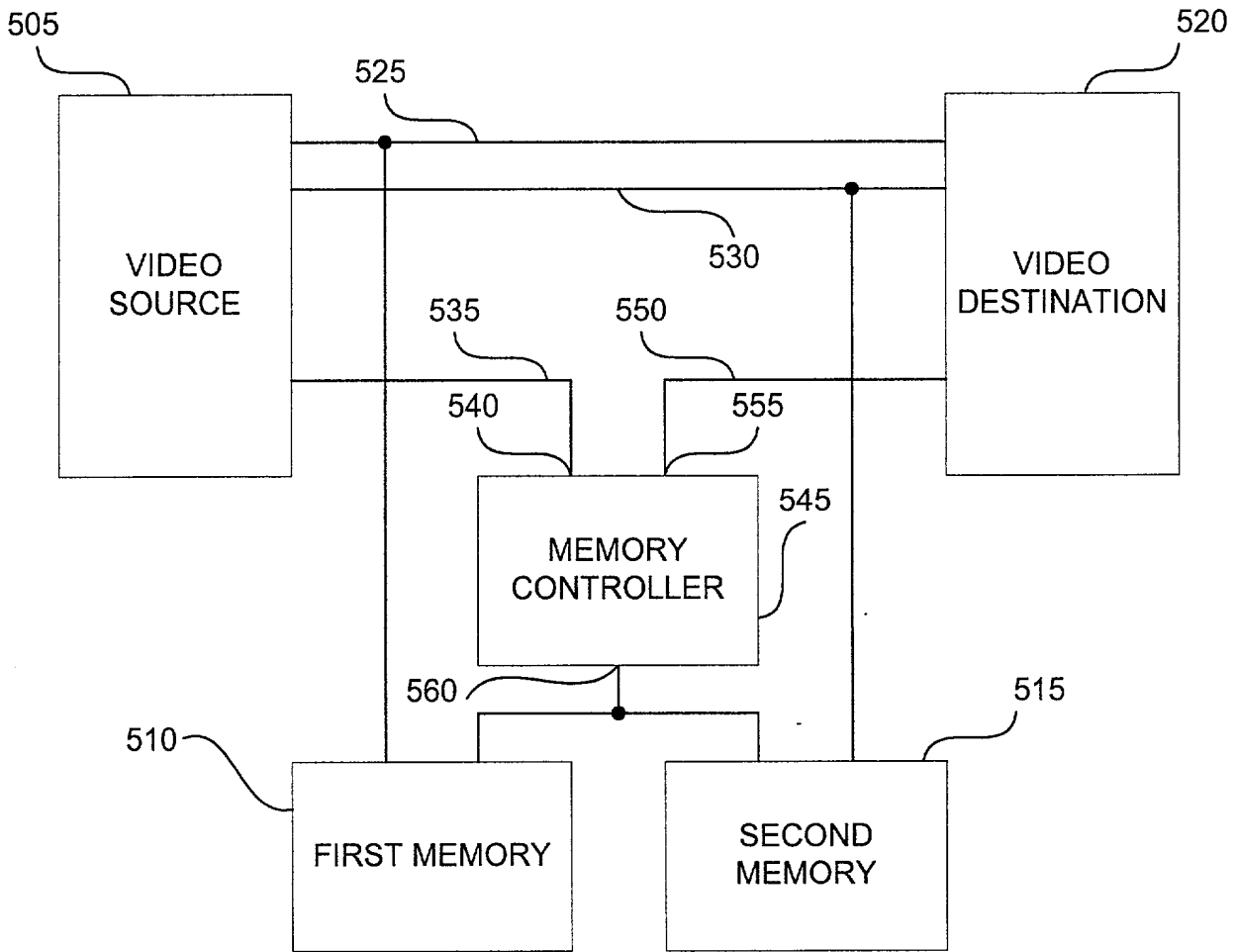


PHOTO SHOOT

FIG. 6A

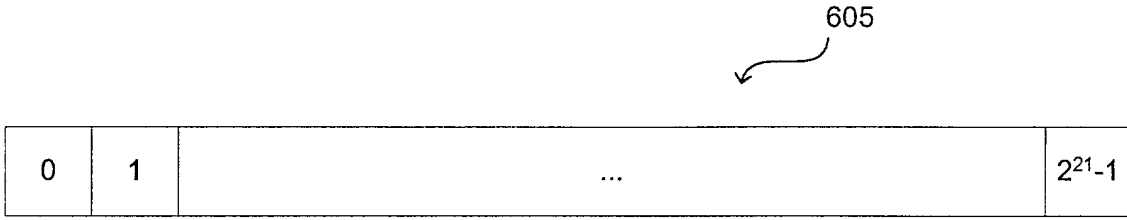


FIG. 6B

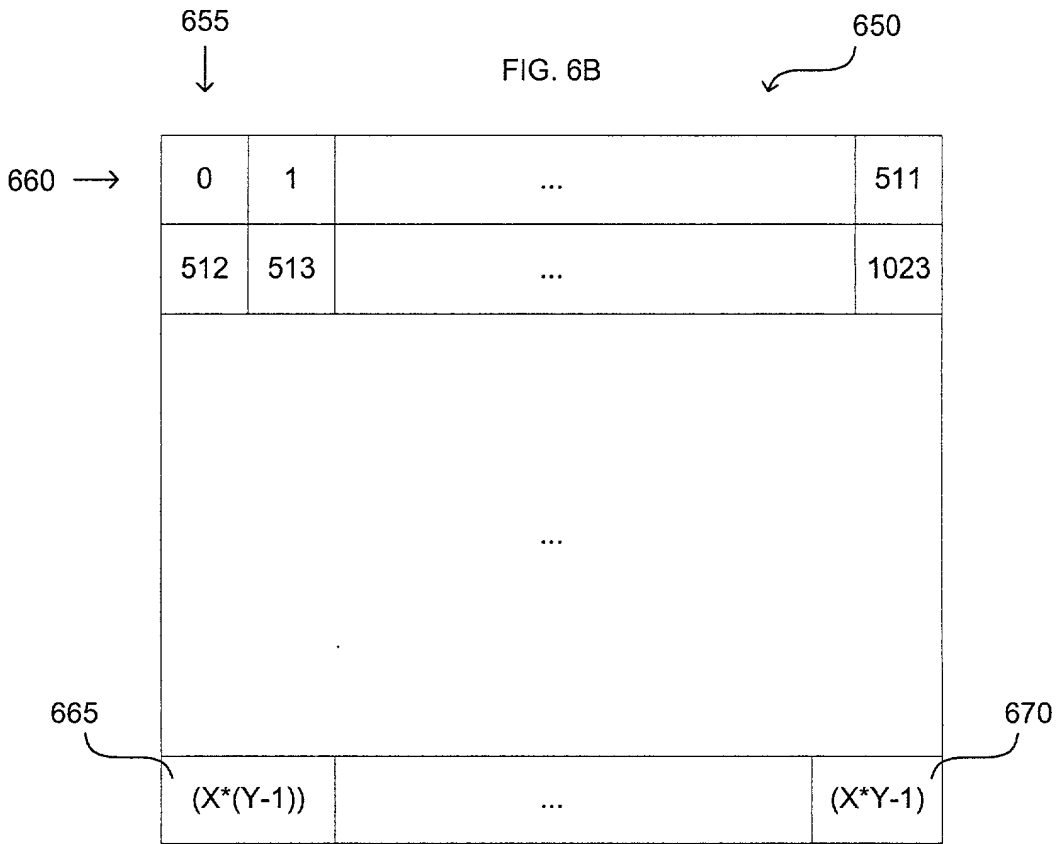


FIG. 6C

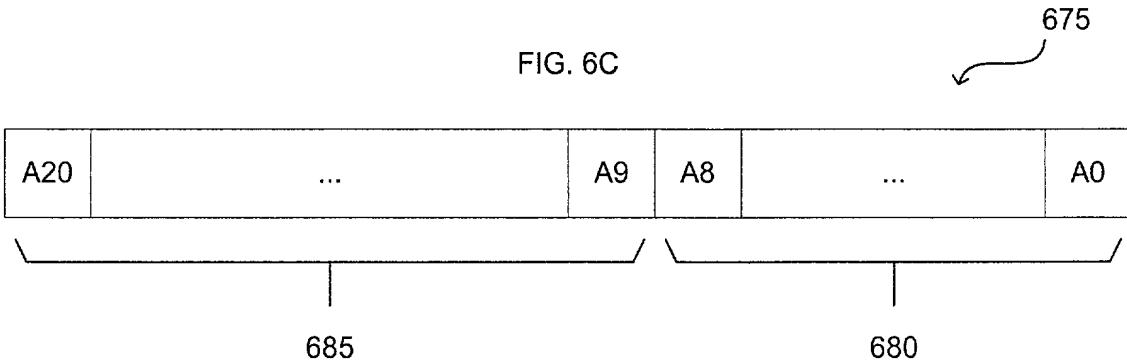


FIG. 7

710

720

715

705

725 →

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255

20170101 08:54:00

FIG. 8

810

815

805

820 → 0

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
3	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
4	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
5	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
6	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
7	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
8	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143
9	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159
10	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175
11	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191
12	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207
13	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223
14	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239
15	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255

2025 RELEASE UNDER E.O. 14176

FIG. 9

	910	920		915										905					
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
925 → 0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
2	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47			
3	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63			
4	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79			
5	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95			
6	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111			
7	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127			
8	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143			
9	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159			
10	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175			
11	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191			
12	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207			
13	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223			
14	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239			
15	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255			

"SECRET"

FIG. 10A

PIXELS

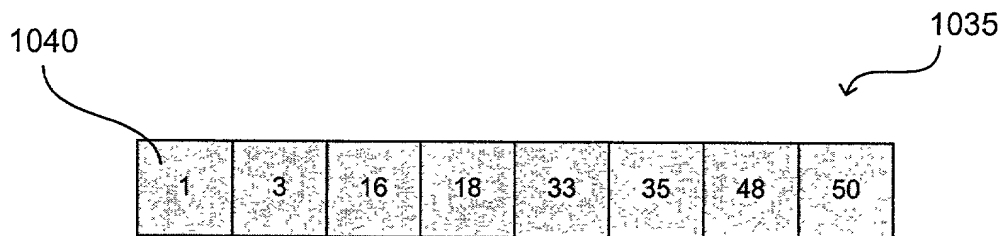
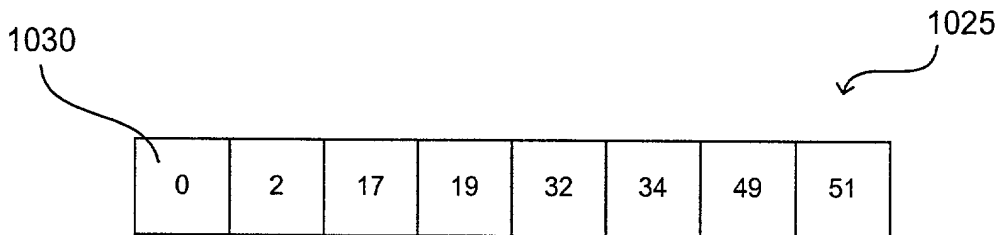
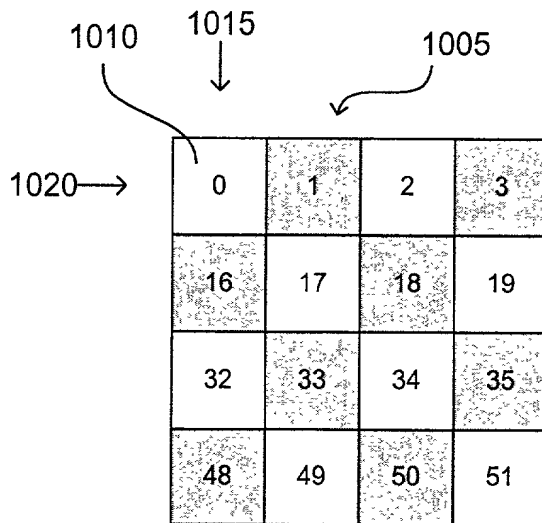


FIG. 10B

ADDRESSES

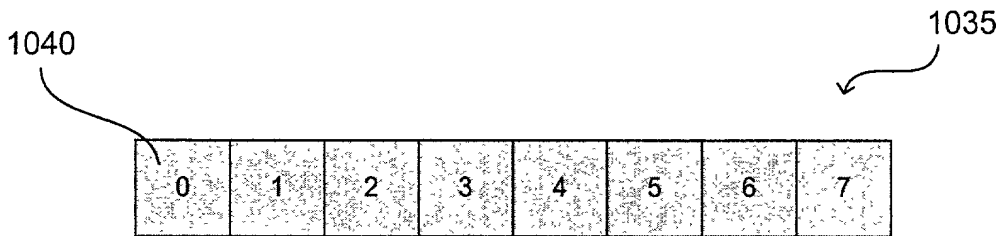
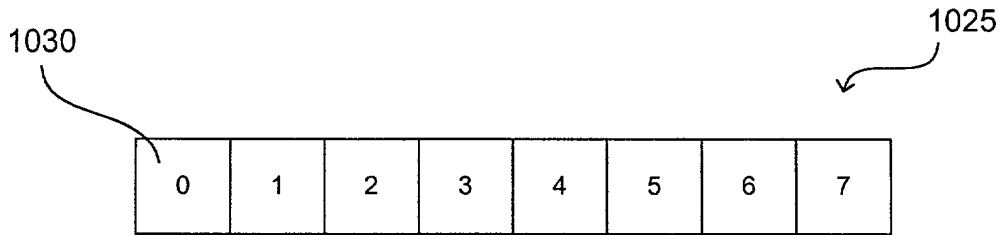
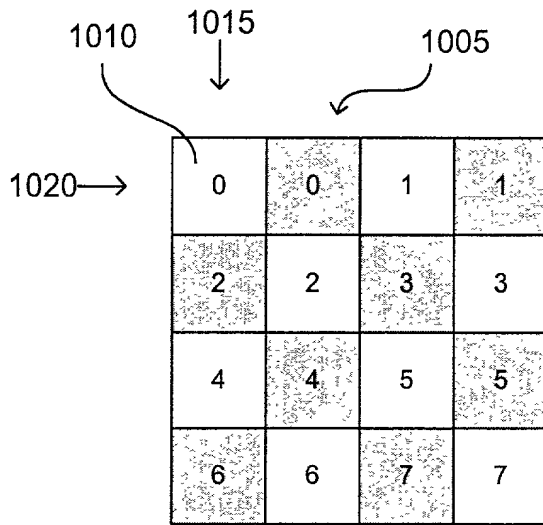


FIG. 11

1110 1115
 ↓
 0 1

1120 → 0 31

1105

0	1	2	...	31
1920	1921	1922	...	1951
3840	3841	3842	...	3871
...
28800	28801	28802	...	28831

20170529

FIG. 12

1200

PIXEL	FRAME ROW	FRAME COLUMN	PIXEL PAGE	PIXEL PAGE ROW	PIXEL PAGE COLUMN	MEMORY PAGE	MEMORY ADDRESS	MEMORY DEVICE
0	0	0	0	0	0	0	0	0
1	0	1	0	0	1	0	0	1
15	0	15	0	0	15	0	7	1
16	0	16	0	0	16	0	8	0
31	0	31	0	0	31	0	15	1
1919	0	1919	59	0	31	59	15119	1
1920	1	0	0	1	0	0	16	1
1921	1	1	0	1	1	0	16	0
1951	1	31	0	1	31	0	31	0
1952	1	32	1	1	0	1	272	1

"COPY" SHEET

FIG. 13

1300

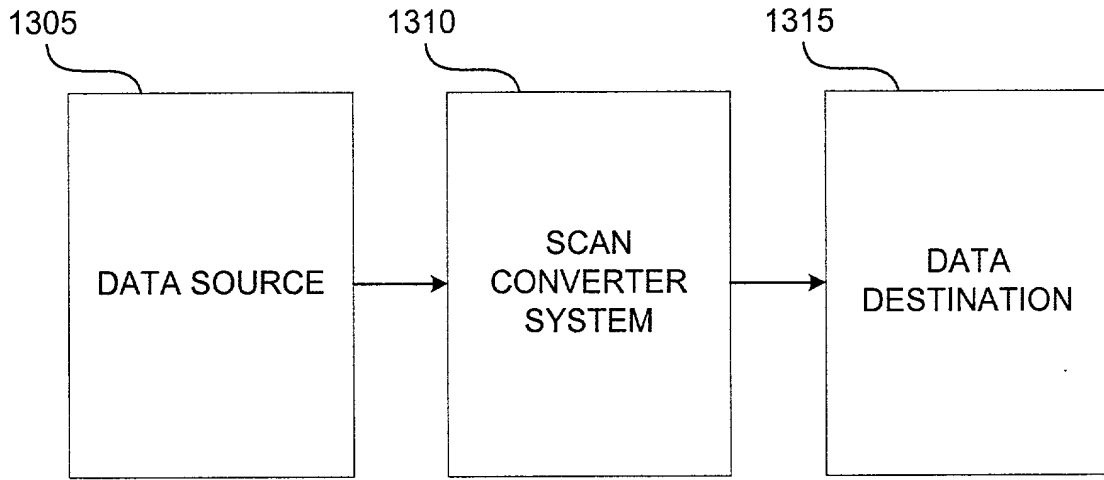


FIG. 14

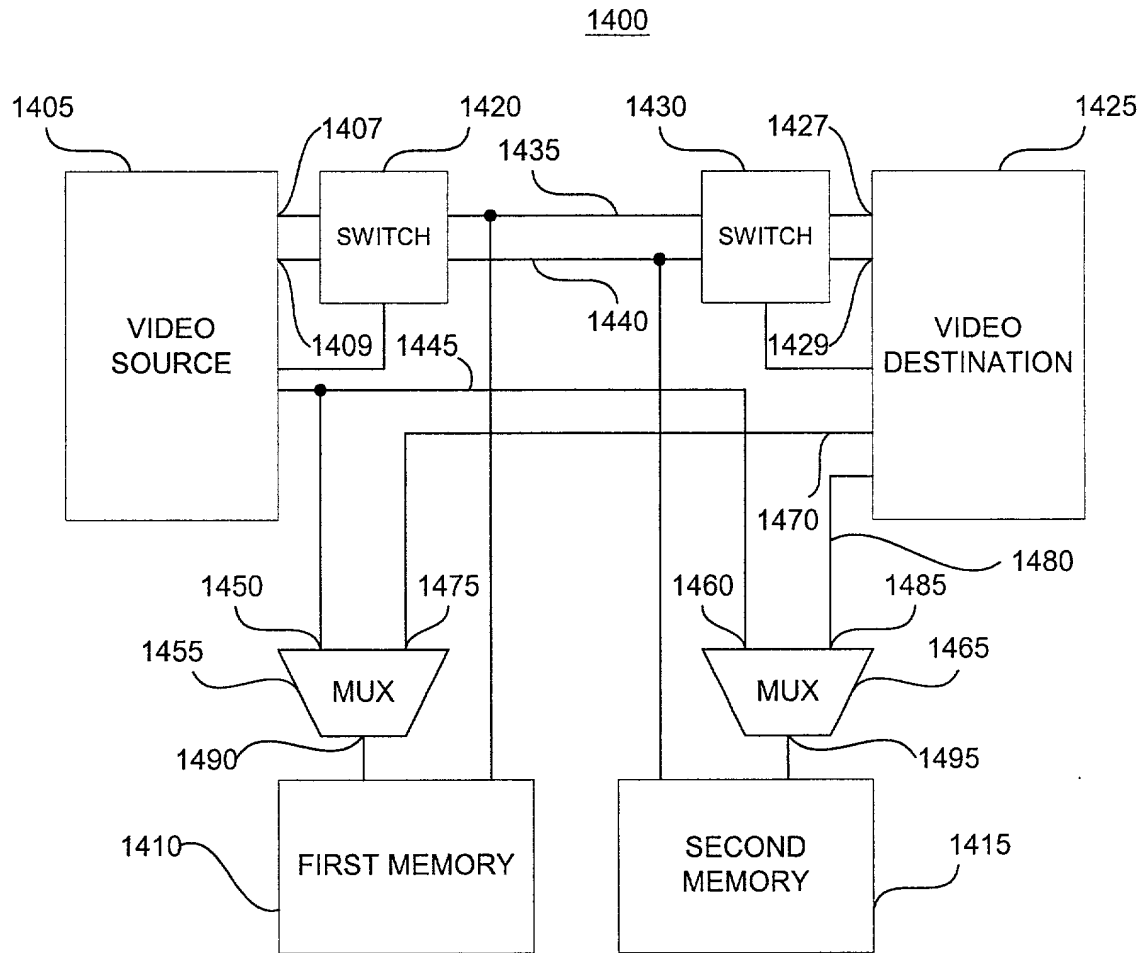


FIG. 15

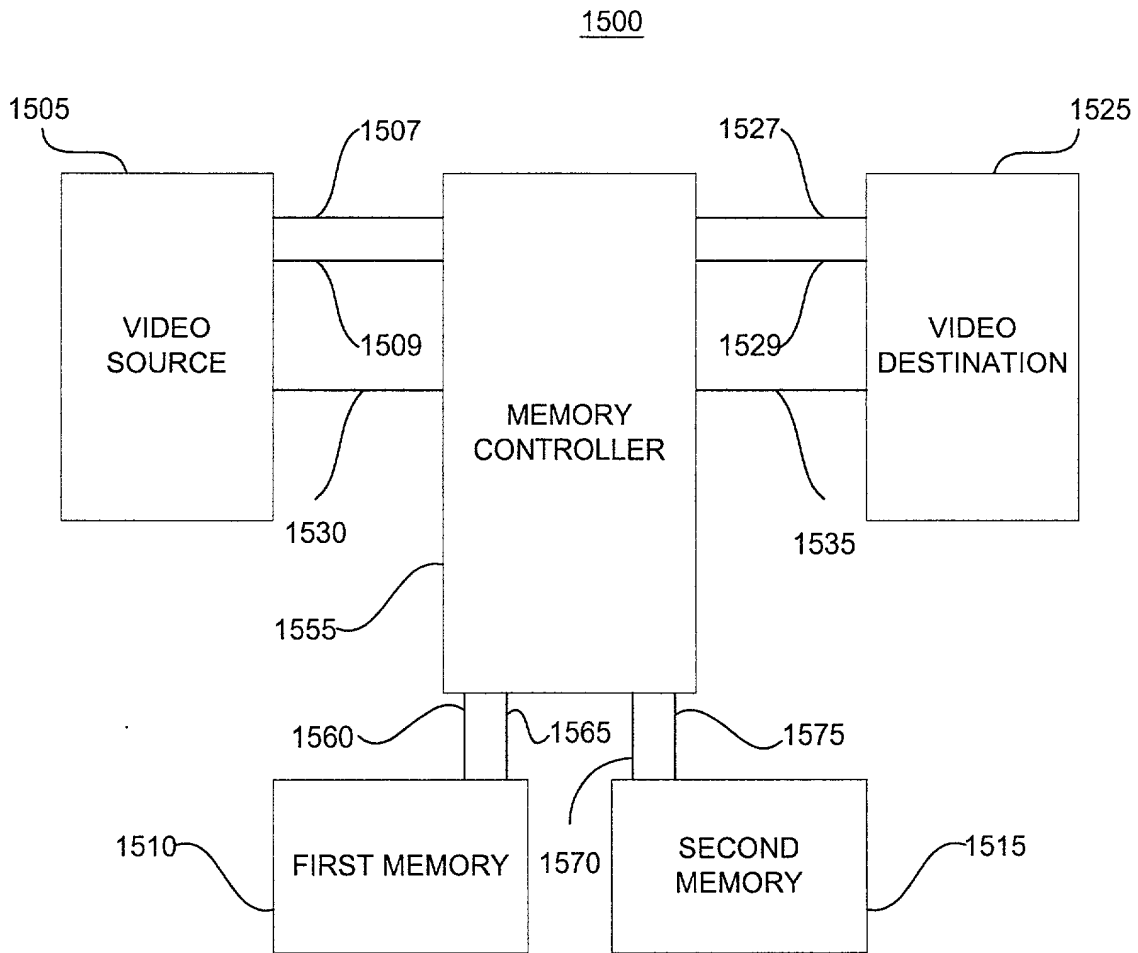


FIG. 16

1600

PIXEL	FRAME ROW	FRAME COLUMN	PIXEL PAGE	PIXEL PAGE ROW	PIXEL PAGE COLUMN	MEMORY PAGE	MEMORY ADDRESS	MEMORY DEVICE
0	0	0	0	0	0	0	0	0
1	0	1	0	0	1	0	0	1
15	0	15	0	0	15	0	7	1
16	0	16	0	0	16	0	8	0
31	0	31	0	0	31	0	15	1
1919	0	1919	59	0	31	59	15119	1
1920	1	0	0	1	0	0	16	1
28800	15	0	0	15	0	0	240	1
28815	15	15	0	15	15	0	247	0
28831	15	31	0	15	31	0	255	0
30719	15	1919	59	15	31	59	15359	0
XXX	XXX	XXX	60	0	0	60	15360	0
30720	16	0	64	0	0	64	16384	0
2073599	1079	1919	4347	7	31	4347	1112959	0
XXX	XXX	XXX	4352	0	0	4352	1114112	0

"DATA" SECTOR

FIG. 17

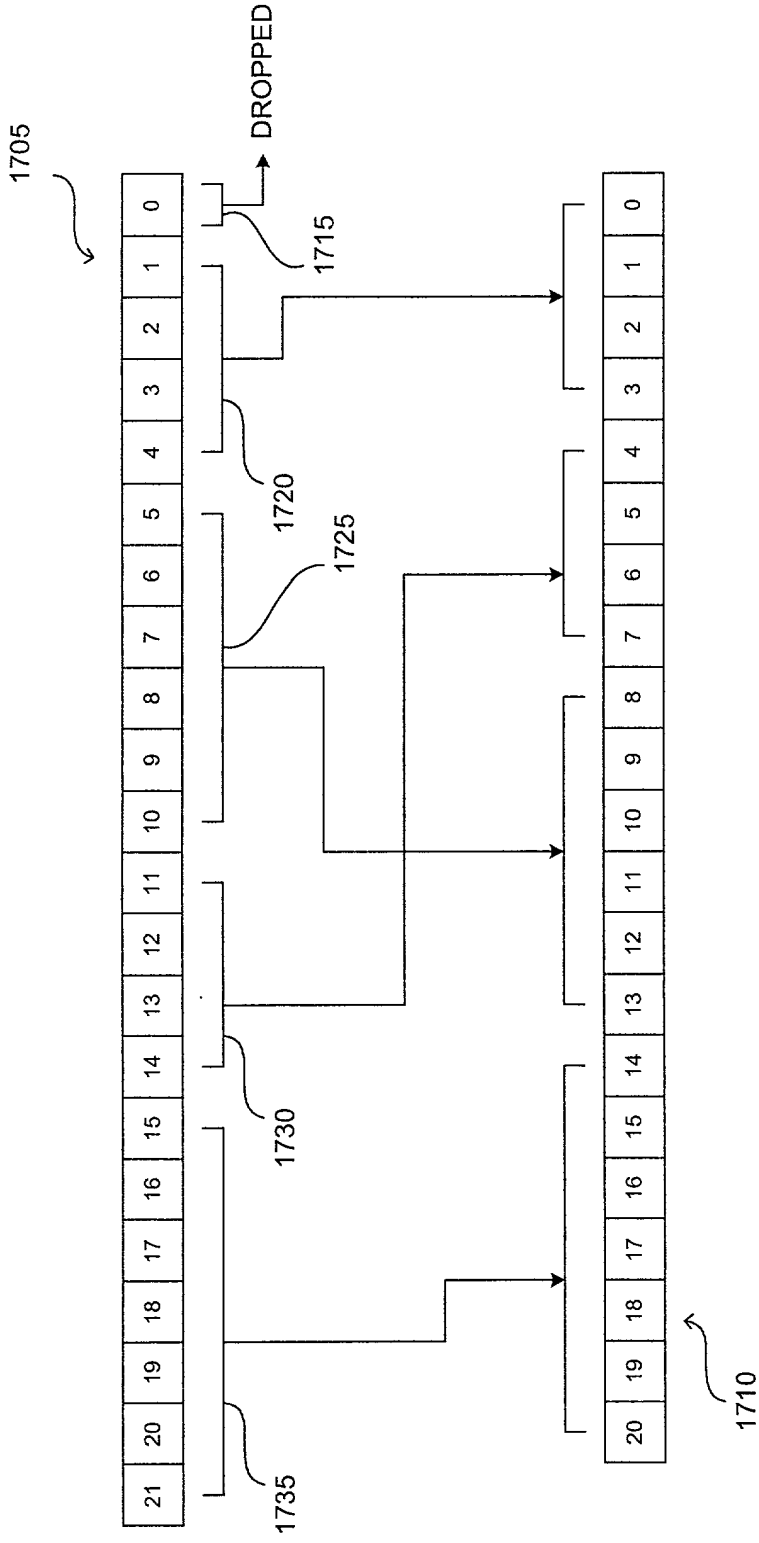


FIG. 18

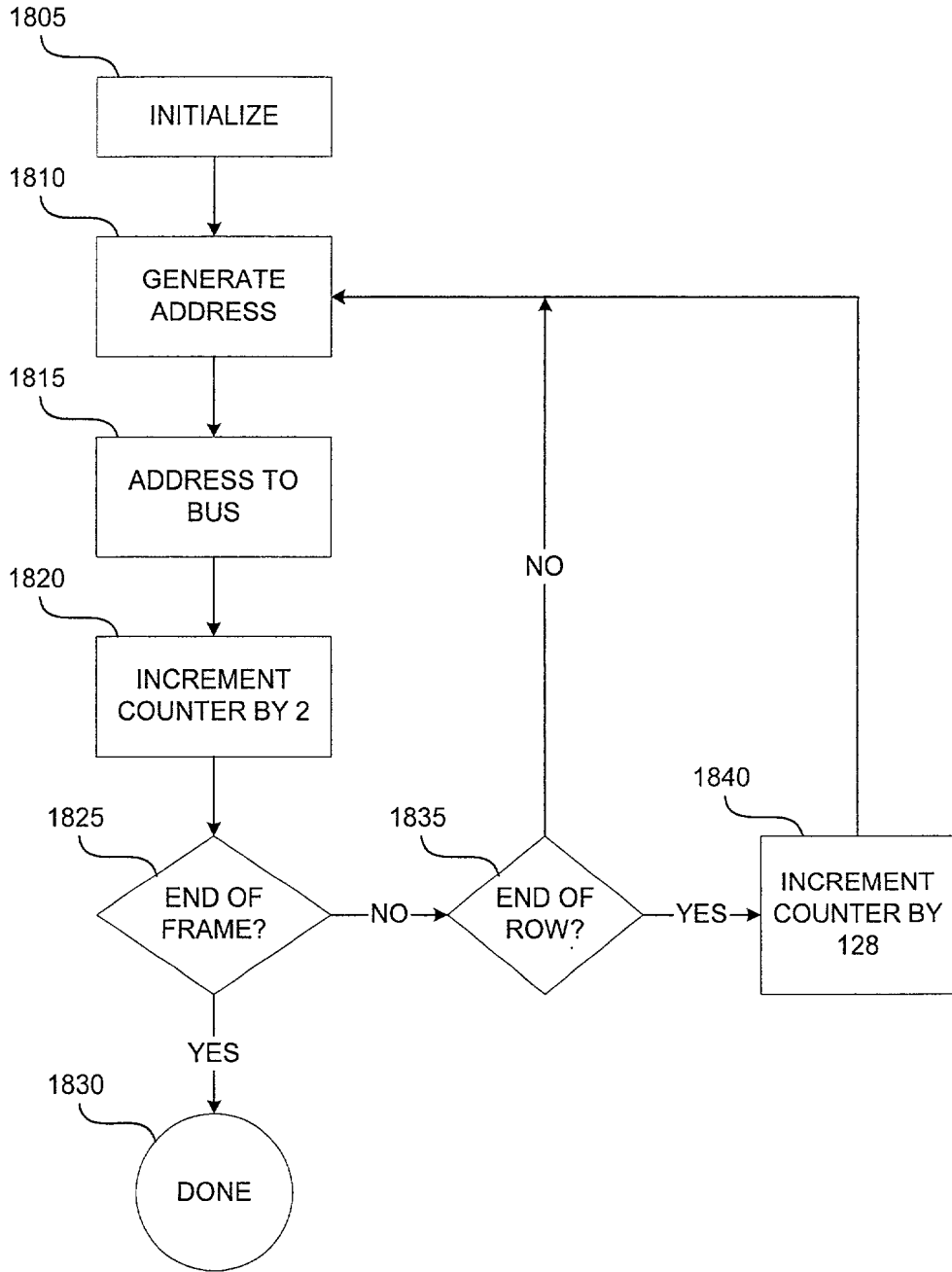
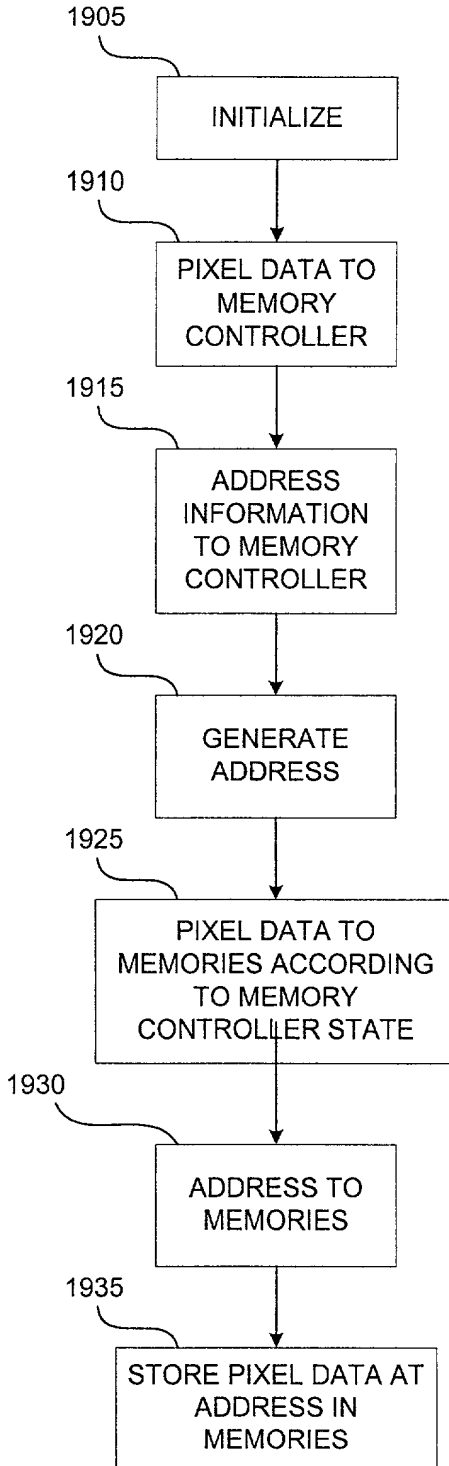


FIG. 19



APPROXIMATELY 5894007

2010 2015 2020 2025 2030 2035 2040

FIG. 20

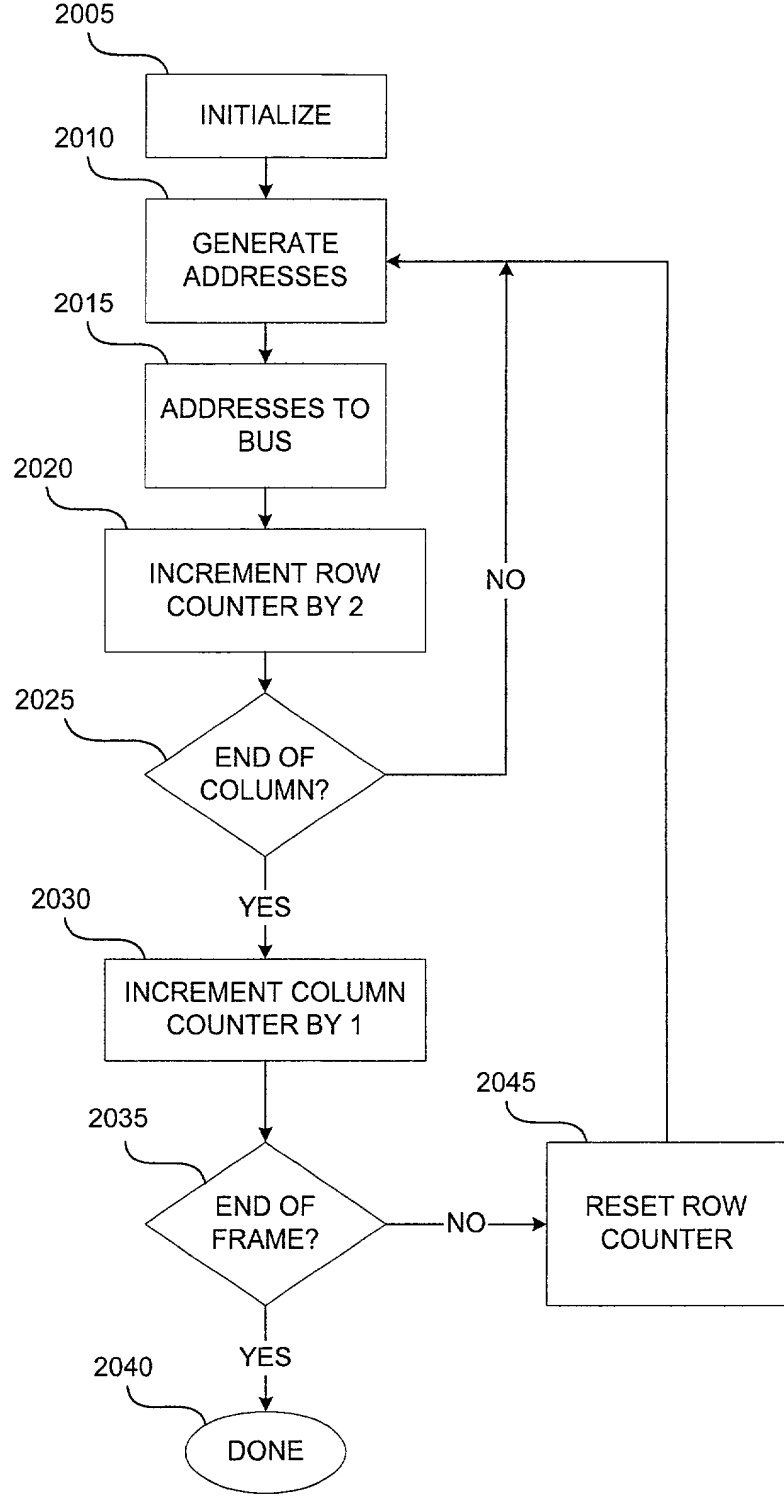
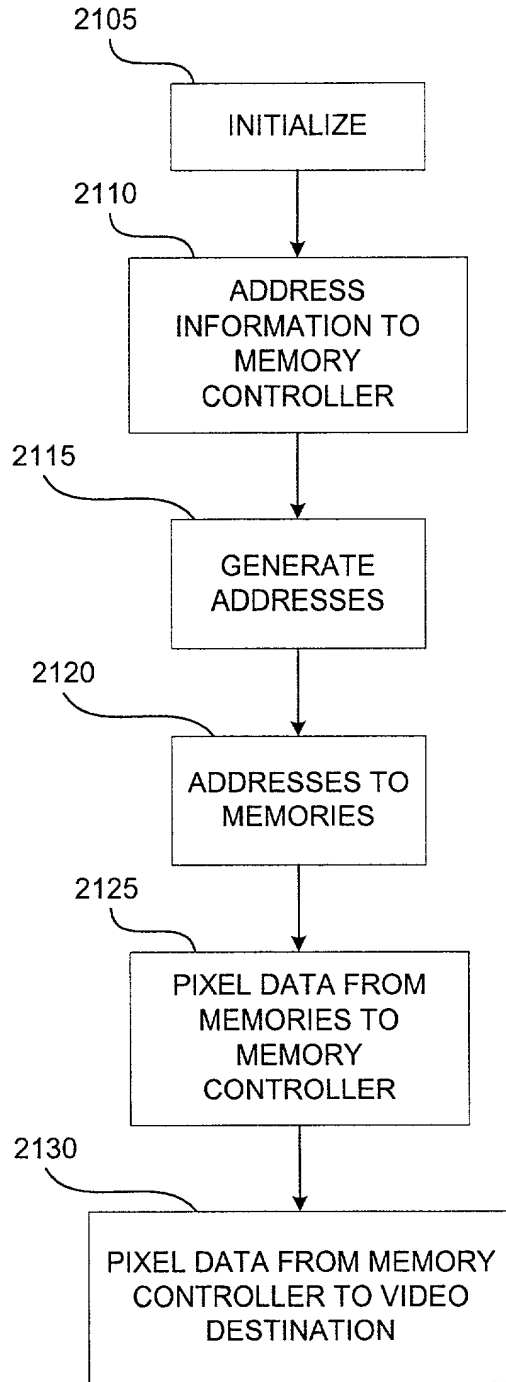


FIG. 21



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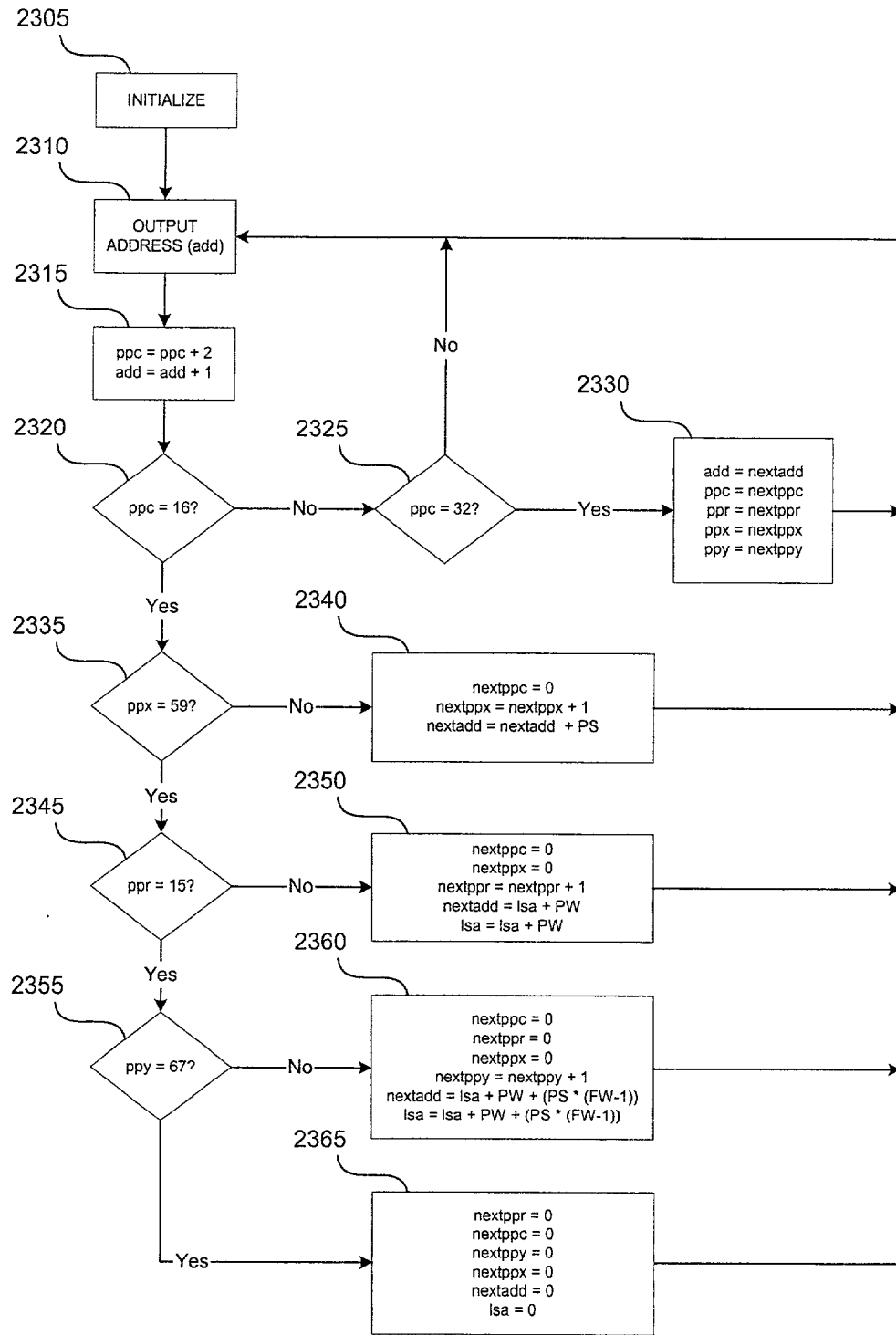
FIG. 22

2200

PIXEL	FRAME ROW	FRAME COLUMN	PIXEL PAGE	PIXEL PAGE ROW	PIXEL PAGE COLUMN	MEMORY PAGE	MEMORY ADDRESS	MEMORY DEVICE
0	0	0	0	0	0	0	0	0
1	0	1	0	0	1	0	0	1
15	0	15	0	0	15	0	7	1
16	0	16	0	0	16	0	8	0
31	0	31	0	0	31	0	15	1
1919	0	1919	59	0	31	59	15119	1
1920	1	0	0	1	0	0	16	1
28800	15	0	0	15	0	0	240	1
28815	15	15	0	15	15	0	247	0
28831	15	31	0	15	31	0	255	0
30719	15	1919	59	15	31	59	15359	0
30720	16	0	60	0	0	60	15360	0
30848	16	128	64	0	0	64	16384	0
2073599	1079	1919	4079	7	31	4079	1044351	0
XXX	XXX	XXX	4079	15	31	4079	1044479	0

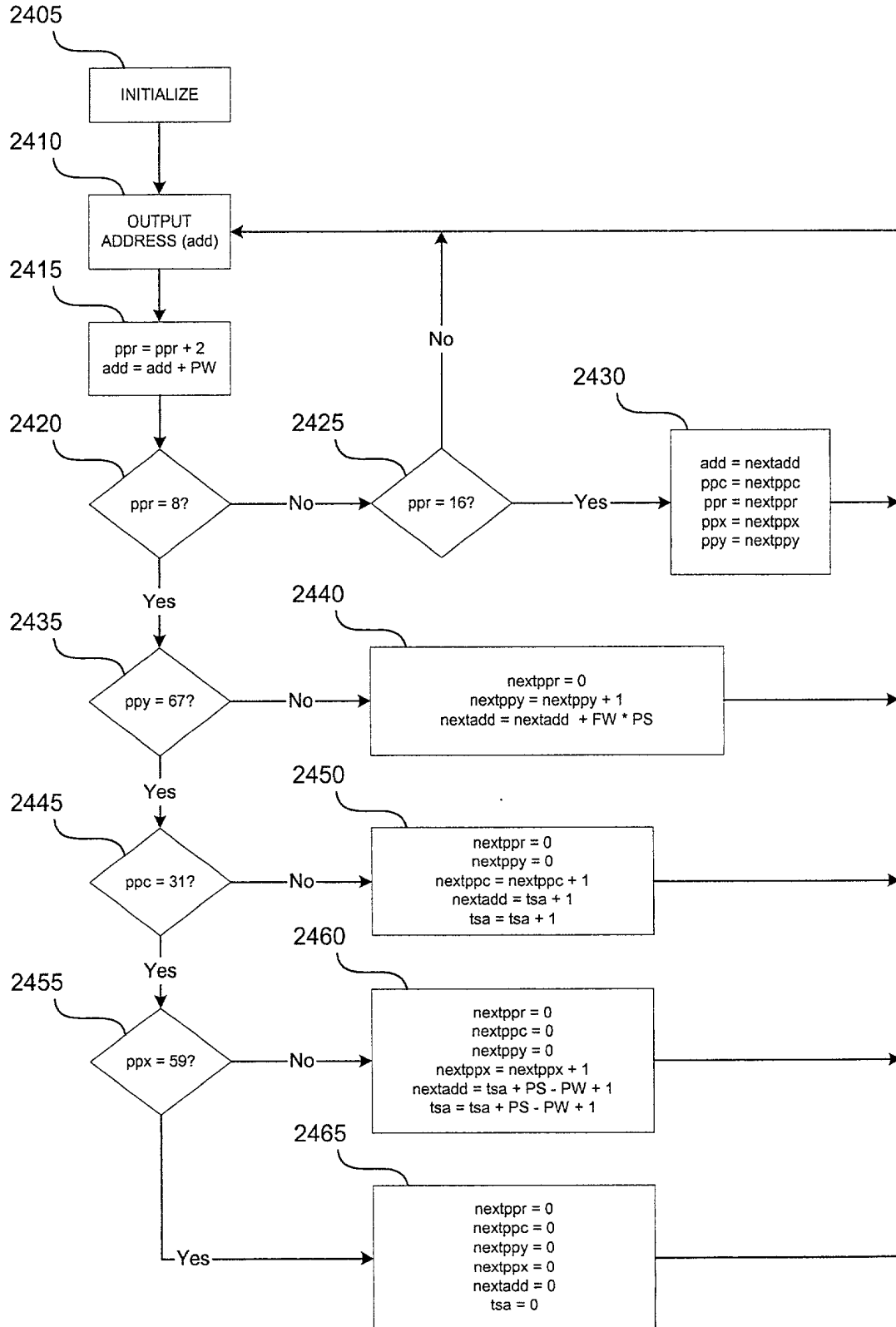
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FIG. 23



"COPYRIGHT" 1998

FIG. 24



"Patent" Search

FIG. 25

2500

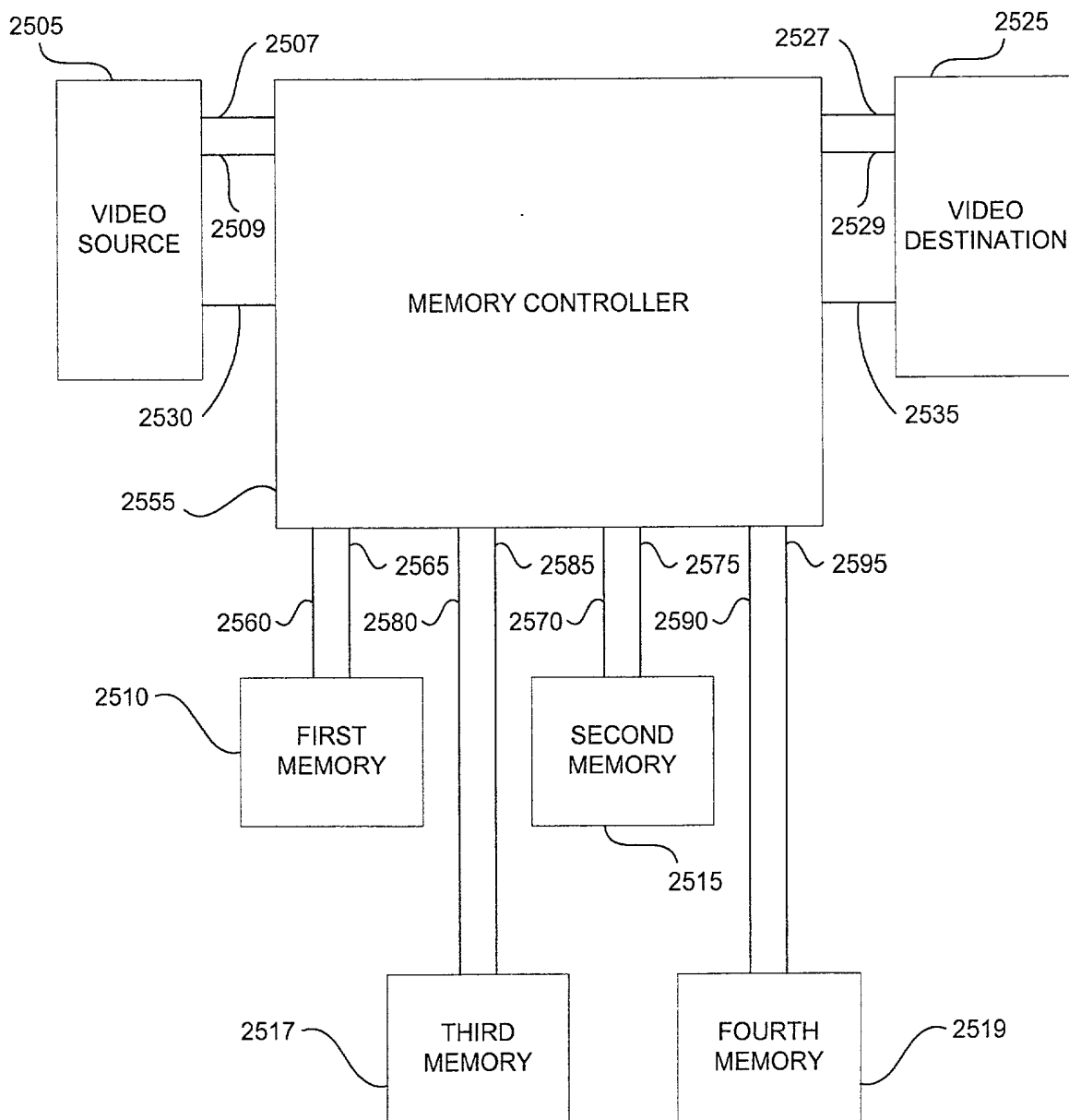


PHOTO SHOOT

FIG. 26

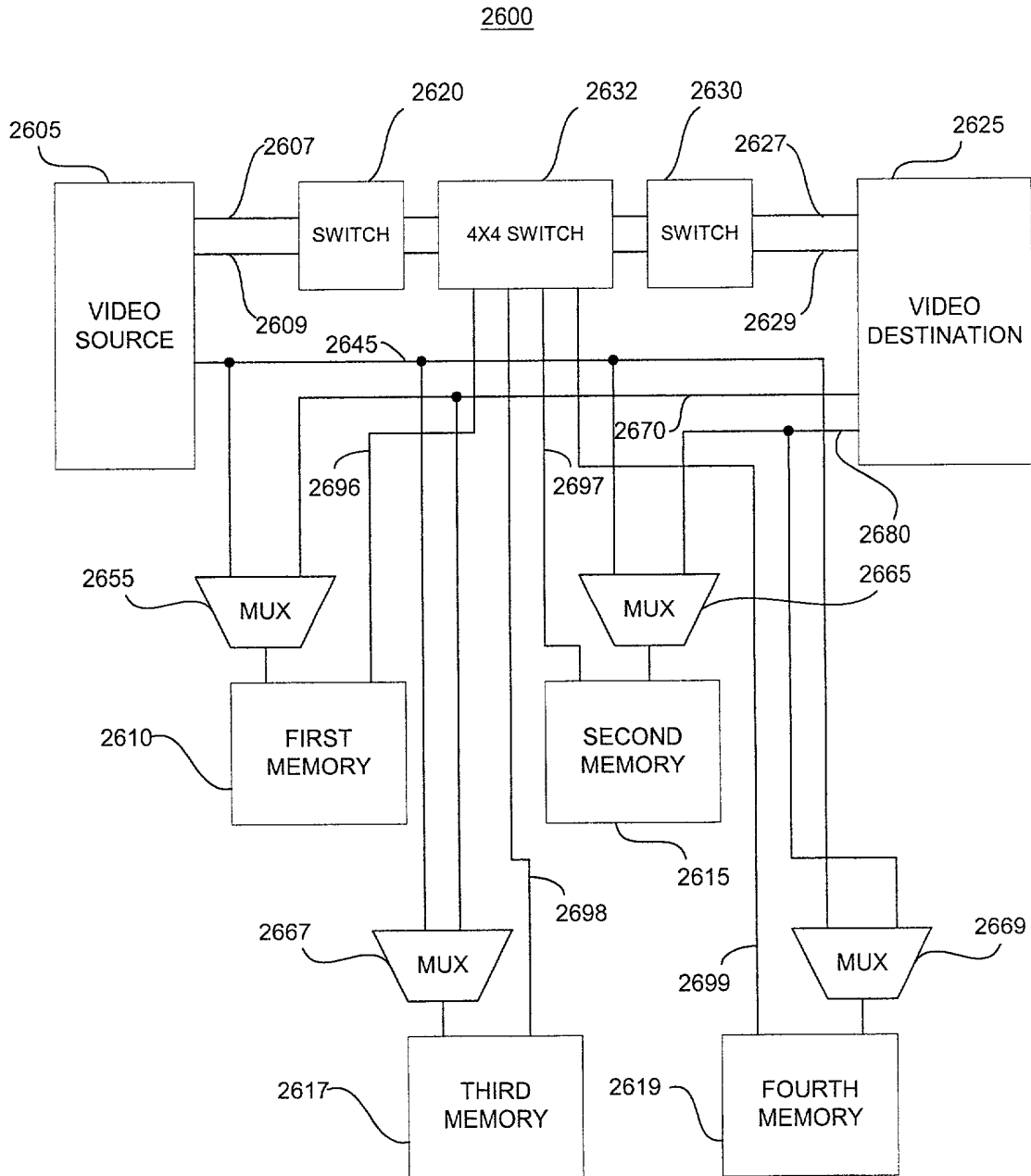


FIG. 27

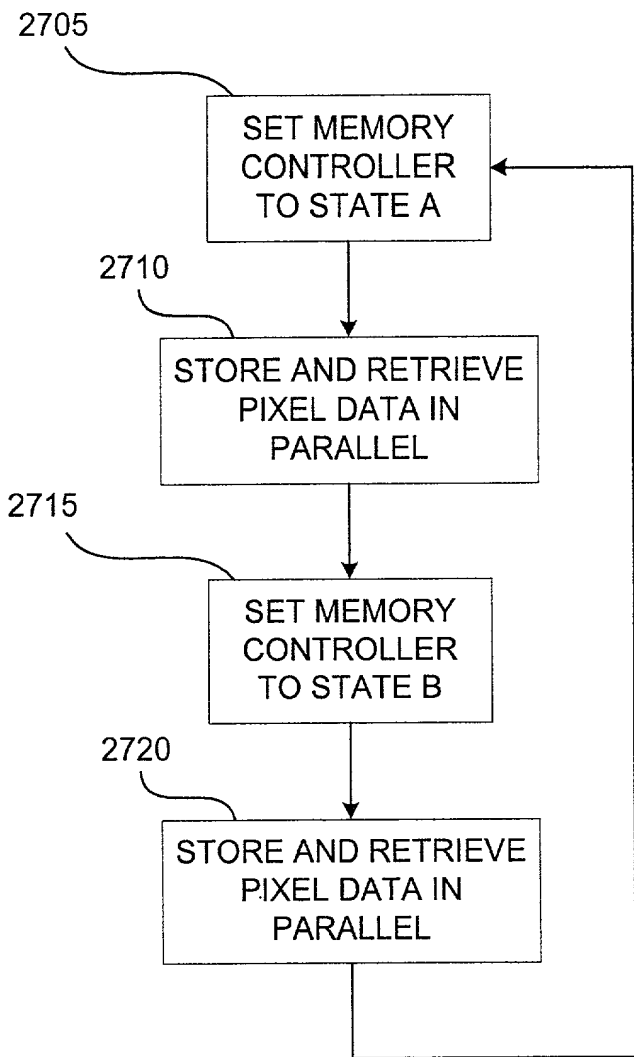
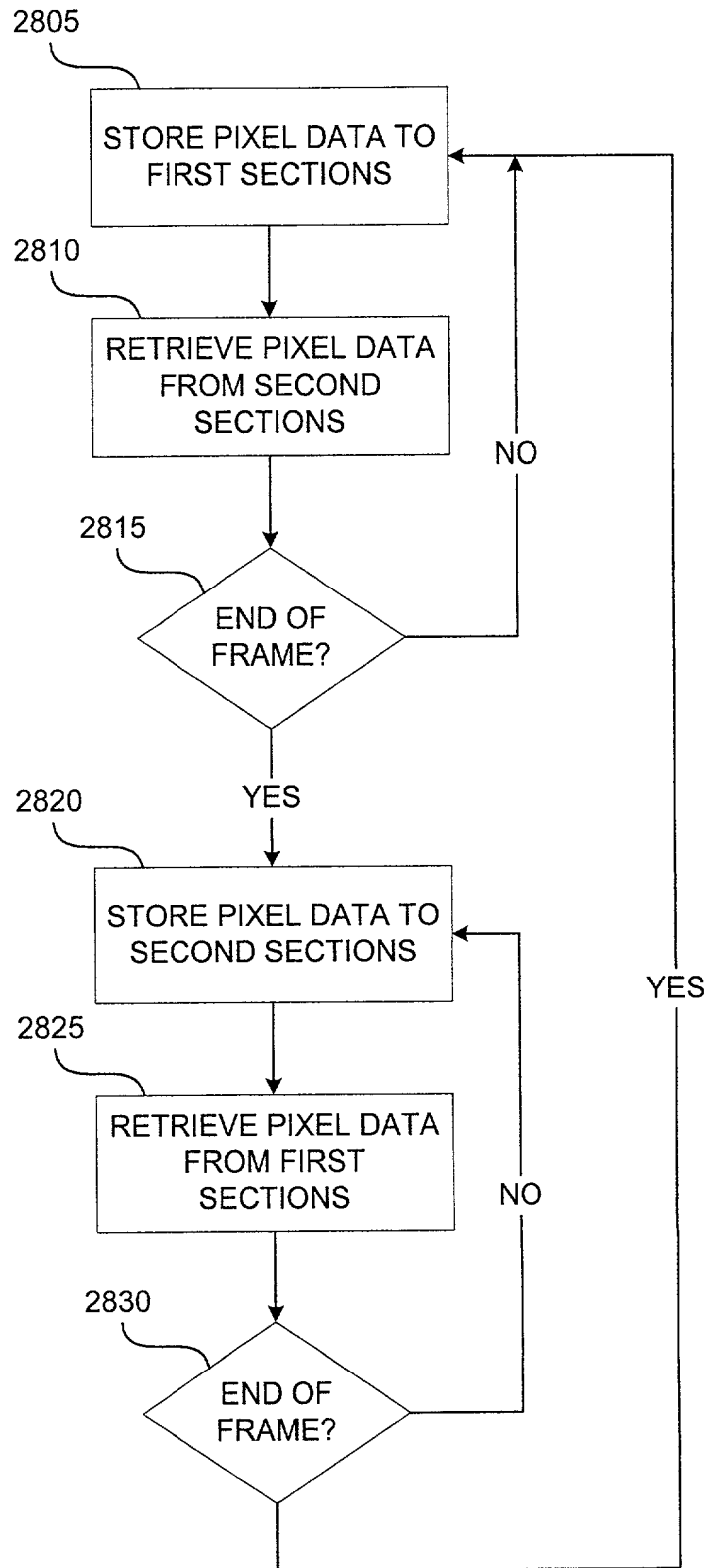


FIG. 28



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